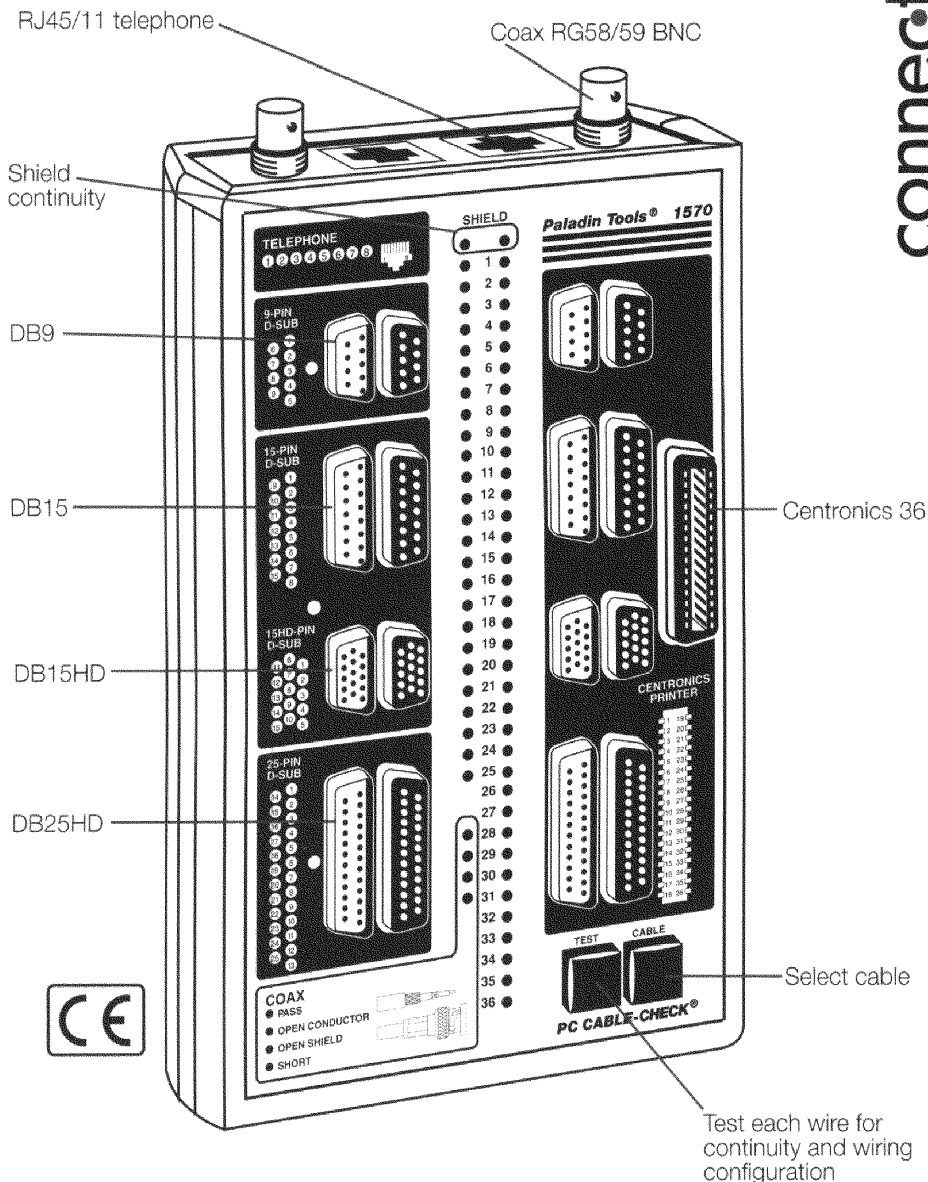


Paladin Tools® PC CABLE-CHECK®

Instruction Manual

connectool



1570 Continuity & wiring configuration tester for computer cables

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PC Cable-Check® provides a simple check and wiring configuration for any combination of DB9, DB15, DB15 HD, DB 25, Centronics 36, RJ11 and shielded and unshielded RJ45 telephone plugs. In addition, RG58 or 59 BNC can be checked with a simple PASS or FAIL test with full diagnostic evaluation displayed if the cable fails.

Confirming the wiring configuration requires a cable connection scheme. Verify the connection scheme to the pin-out conditions indicated on the tester. To learn a cable scheme, use a "known good" cable as a reference. Test the "known good" cable and record the pin-out indications shown on the tester.

How to use:

- 1 Check that the battery has been connected; switch ON. Use only a standard 9-volt battery.
- 2 Connect your cable to PC Cable-Check with the connector with the largest number of pins connected to the gray input side of the tester (except for Centronics).
- 3 Press the select CABLE button repeatedly until the red indicator selects the connector size connected to the gray side of the tester.
- 4 The instrument will indicate the shield connected if both red lights are on.
- 5 Press the TEST button to cycle through each individual connection to test for continuity. When there is a red light on the red side of the tester, it shows the continuity and wiring configuration of the red light on the gray side. For some cables there are a number of red lights that will indicate multiple connections. No red light on the red side means no connection. **Note:** The lights will go out if the selection is discontinued to save battery life. To restart, press the TEST button and continue the existing test or start a new test by repeating the procedure.
- 6 To test coax RG58/59 BNC cables, connect the cable and read the display in the lower left corner. Either a green PASS light will show or a red light indicating a FAIL with the reason.
- 7 The correct wiring configuration for your cable can either be found in the examples of the most popular cables shown in this manual or by consulting your cable manufacturer's manuals. See the "Wiring Configuration Reference" for further information.



Warning: Do not connect tester to live cables or computer systems.

WIRING CONFIGURATION FOR STANDARD CABLE APPLICATIONS

	HDD15 MALE	HDD15 FEMALE	DB9 MALE	DB9 FEMALE	DB15 MALE	DB15 FEMALE	DB25 MALE	CENTRONICS 36	RJ45 (UTP & STP)
Cable for IBM 'AT' to HP Laserjets® and most HP Plotters.								● ●	
Cable for IBM 'AT' to HP Laserjets® and most HP Plotters.					●			●	
Cable for IBM XT and PS/2 serial port to HP Laserjet®, Plus, II, III, 7475A and most plotters except HP 7550. (IBM PCs & compatibles)								● ●	
RS232 null modem cable.				ANY COMBINATION				● ● ● ●	
Two different configurations for IBM printer cable used with IBM 'XT', 'AT', PS/2 and compatibles to standard parallel printers. (IBM PCs & compatibles)								● ●	
IBM 'AT' and compatibles to modem cables.					●			●	
Null modem cable.					●			●	
Star Micronics DP8340 to IBM 'AT' cable.					●				●
Star Micronics DP8340 to WYSE terminal cable.								●	●
Star Micronics SP312 to IBM 'AT' cable.								● ●	
VGA (PS/2) monitor cable for use with data switches. This cable is used for connecting computers with VGA cards to video data switches, PIN #9 is removed.	● ●								

WIRING CONFIGURATION FOR STANDARD CABLE APPLICATIONS

	HDD15 MALE	HDD15 FEMALE	DB9 MALE	DB9 FEMALE	DB15 MALE	DB15 FEMALE	DB25 MALE	CENTRONICS 36	RJ45 (UTP & STP)
Star Micronics SP312 printer cable, SP312 to WYSE terminal cable.								● ●	
Star Micronics SP312 to IBM 'AT' printer cable.					●			●	
IBM PS/2 and VGA cards NEC Multisync® monitor cable. Connects the IBM PS/2 or other VGA cards to NEC Multisync® monitors. (IBM PCs & compatibles)		●		●					
IBM PS/2 and VGA card to Sony® 1302 monitor cable. Connects the IBM PS/2 or other VGA cards to the Sony® 1302 and 1303 monitors.		●		●					
Connects IBM PS/2 and VGA cards to Mitsubishi® Diamond Scan® and Thompson Ultrascan® monitor.	●							●	
Extension cable for standard 'XT', 'AT' monitors.				● ●					
Standard monitor cable. (IBM PCs & compatibles)				● ●					
Extension cable for VGA/IBM, PS/2 monitors.	● ●								
Cable for connection of parallel ports on two computers.								● ●	
LAN data cables.									● ●

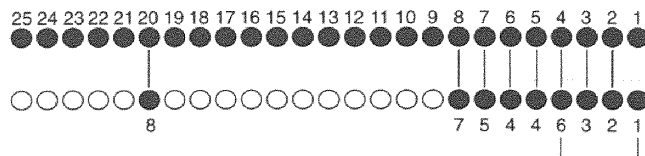
DB 25 MALE



DB 25 FEMALE



DB 25 MALE

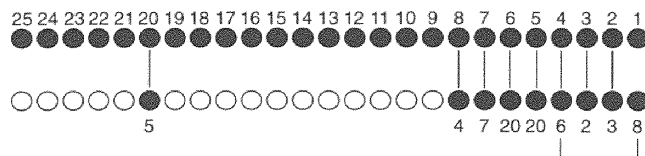


DB 9 FEMALE



Cable for IBM 'AT' to HP Laserjets and most HP plotters.

DB 25 MALE

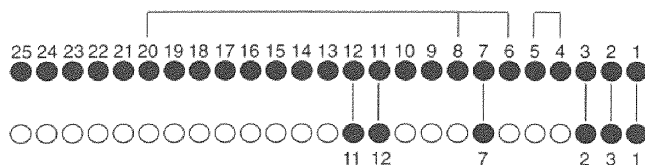


DB 25 FEMALE



Cable for IBM 'XT' and PS/2 Serial port to HP Laserjet, Plus, II, III, 7475A and most plotters except HP 7550. (Includes most IBM PCs and compatibles regardless of processor: 286, 386, 486, Pentium® or Celeron®.)

DB 25 MALE/FEMALE



DB 25 MALE/FEMALE

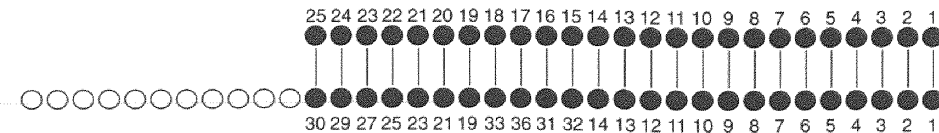
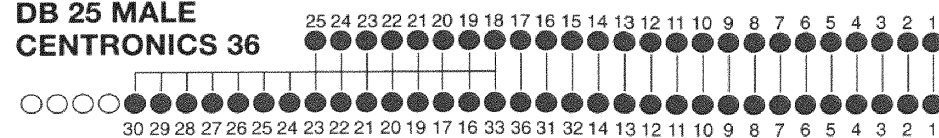


RS232 Null modem cable.

As connections are the same, check to make sure cable is not reversed.

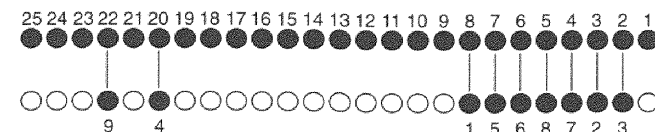
DB 25 MALE

CENTRONICS 36



Two different configurations for IBM printer cable user with IBM 'XT', 'AT', PS/2 and compatibles to standard parallel printers. (Includes most IBM PCs and compatibles regardless of processor: 286, 386, 486, Pentium® or Celeron®.)

DB 25 MALE

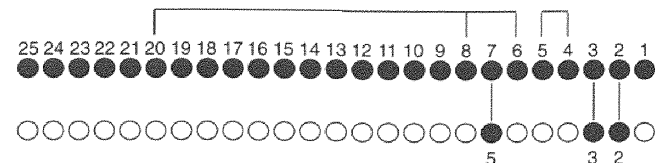


DB 9 FEMALE



IBM 'AT' and compatibles to modem cables.

DB 25 MALE

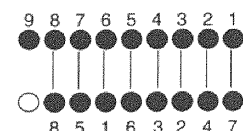


DB 9 FEMALE



Null modem cable.

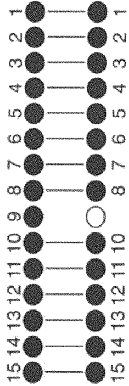
DB 9 FEMALE



RJ 45

Star Micronics DP 8340 to IBM 'AT' cable.

HDD 15 MALE



HDD 15 MALE



VGA (PS/2) monitor cable for use with data switches.

This cable is used for connecting computers with VGA cards to video data switches. Pin #9 is removed. As connections are the same, check to make sure cable is not reversed. (Includes most IBM PCs and compatibles regardless of processor: 286, 386, 486, Pentium® or Celeron®.)

DB 25 MALE



DB 25 MALE



Star Micronics SP 312 printer cable, SP 312 to WYSE term. As connections are the same, check to make sure cable is not reversed.

DB 25 MALE



DB 9 FEMALE



Star Micronics SP 312 to IBM 'AT' printer cable.

HDD 15 MALE



DB 9 MALE

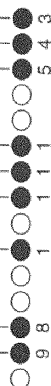


IBM PS/2 and VGA cards NEC Multisync® monitor cable. Connects the IBM PS/2 or other VGA cards to NEC Multisync® monitors.

HDD 15 MALE

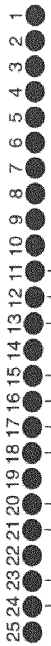


DB 9 MALE

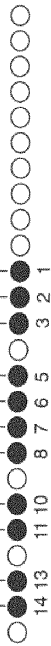


IBM PS/2 and VGA card to Sony® 1302 monitor cable, connects the IBM PS/2 or other VGA cards to the Sony® 1302 and 1303 monitors.

DB 25 MALE



HDD 15 MALE

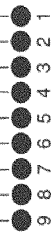


Connects IBM PS/2 and VGA cards to Mitsubishi® Diamond Scan® and Thompson Ultrascan® monitor.

DB 9 MALE



DB 9 FEMALE

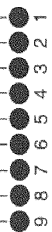


Extension cable for standard 'XT', 'AT' monitors. (Includes most IBM PCs and compatibles regardless of processor: 286, 386, 486, Pentium® or Celeron®.)

DB 9 MALE



DB 9 MALE



Standard monitor cable. (Includes most IBM PCs and compatibles regardless of processor: 286, 386, 486, Pentium® or Celeron®.)

HDD 15 MALE



HDD 15 FEMALE



Extension cable for VGA/IBM PS/2 monitors.

DB 25 MALE

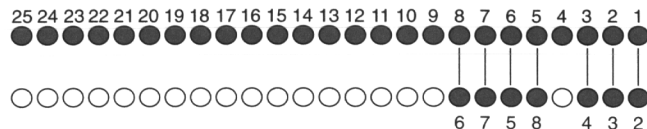


DB 25 MALE



Cable for connection of parallel ports on two computers.

DB 25 MALE

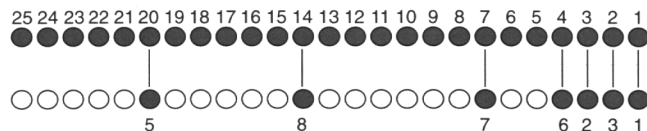


RJ 45



Star Micronics DP 8340 to WYSE terminal cable.

DB 25 MALE



DB 25 FEMALE



Star Micronics SP 312 to IBM 'AT' cable.

RJ 45



RJ 45



Systimax® SCS Category 5 data cables (UTP).

RJ 45



RJ 45

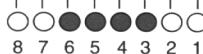


10 Base T data cables (UTP).

RJ 45



RJ 45



Token Ring data cables (UTP).

RJ 45



RJ 45



ISDN data cables (UTP).

10 Warranty Information

Limited Warranty: connectool Inc. warrants the Purchaser that the product purchased will be of merchantable quality and free from defects of material and workmanship, under normal use and service, for a minimum of one year from the date of purchase to the initial user, or as stated on the packaging. connectool will not be liable for any modification of its products by the Purchaser or Purchaser's agent. Such modifications void the warranty.

Satisfaction of this warranty will be limited to, at connectool's discretion, (a) the repair or modification of the product by connectool, (b) the replacement of the product by connectool, or (c) issuance of a credit memo to the Purchaser for the defective product delivered under the order involved. This warranty ceases to be effective if connectool's examination of the product discloses that the defect was due to misuse, improper maintenance, alteration, modification, accident or unusual degradation of equipment parts due to physical environments in excess of its intended limits.

There are no warranties which extend beyond the description herein. This warranty is in lieu of all other warranties whether express, implied, or statutory including implied warranties of merchantability of fitness for a particular purpose. Purchaser acknowledges that he is not relying on connectool's skill or judgement to select or furnish goods suitable for any particular purpose. This warranty extends only to the Purchaser from connectool or its authorized distributor. connectool may refuse any item returned for reasons other than those covered by connectool's Limited Warranty. All warranty returns require a Return Material Authorization (RMA) number or a Return Goods Authorization (RGA) number to be returned.

11 Technical Support

Contact connectool Inc. for technical support for this product:

connectool Inc.
10446 Lakeridge Parkway
Ashland, VA 23005-8124
phone (800) 272-8665
fax (800) 272-5257